



Module Specification

Introduction to Creative Technologies

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Part 1: Information

Module title: Introduction to Creative Technologies

Module code: UFCE4A-15-0

Level: Level 3

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Environment & Technology

Department: FET Dept of Computer Sci & Creative Tech

Partner institutions: None

Field: Computer Science and Creative Technologies

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: This module will enable students to develop an understanding of a number of areas within Creative Technologies.

Students will be introduced to various topics, with the aim of developing their

knowledge of a range of principles and techniques that underpin this diverse field of study. Students will explore and demonstrate their skills by undertaking a self-directed project. The module culminates with students showcasing their technical and academic understanding in a poster presentation and viva session.

Outline syllabus: Indicative areas of study may include: Studio practice; Desktop applications; Software design for the creative industries; AV production; Sound Design, Games design, Graphic design and 3D environments; The process of producing a creative artefact.

Part 3: Teaching and learning methods

Teaching and learning methods: Teaching and learning on this module will comprise a mix of taught sessions and seminars, individual, group & practical tutorials and other approaches to student-centred learning. Students will be required to develop a reflective approach by discussing topics introduced within sessions and applying these criteria to their practice.

Alongside the above sessions, students are expected to manage their own learning, independently researching the background to their project: Determining appropriate methods for developing their ideas; Creating and testing any artefact; Establishing suitable criteria against which results can be evaluated and finally, designing the project poster.

Each student will be allocated a project supervisor/mentor; a member of staff who will meet with the student and help manage the project work. Students are expected to arrange regular individual tutorials with their supervisor. Students are also encouraged to discuss projects outside of these individual tutorials with other students and staff.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Demonstrate the ability to research into current and emerging technologies relevant to the project being undertaken

MO2 Analyse problems and propose suitable solutions

MO3 Apply knowledge of established creative technology techniques and principles in the creation of a piece of work

MO4 Demonstrate effective communication skills.

MO5 Demonstrate effective planning and time-management skills

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ufcfrn-30-0.html) via the following link <https://uwe.rl.talis.com/modules/ufcfrn-30-0.html>

Part 4: Assessment

Assessment strategy: To demonstrate their understanding, students will apply their knowledge in the completion of a self-directed individual project. The project may take many forms, for example the creation of a creative artefact or the development of software or hardware.

Evaluation of the project involves three elements. In the first half of the module, students will be required to complete a project proposal outlining their intended area of study. It is envisaged that successful completion of the proposal will demonstrate the student's ability to analyse problems and propose suitable solutions, for example, in the inclusion of relevant context and the selection of an appropriate design for their project of choice. The addition of a personal development plan as part of the proposal will enable students to demonstrate their ability to plan effectively.

For the final part of the assessment, students will have the opportunity to showcase

their project including the artefact(s) that have been developed. Although students may present their artefact in any appropriate form that will effectively communicate the knowledge and skills developed whilst completing the module, the assessed element is a poster. The poster should include (at the very least) the project objectives, process, and the outcomes of the project. The poster exhibition will provide the opportunity for students to obtain feedback from their peers and from staff. A presentation will accompany the poster exhibition. Students will be expected to respond to questioning from their supervisor, appraise the success of their project and to demonstrate the artefact(s) that have been developed.

Throughout the course of the module, formative assessment will take place in lectures, seminars and tutorials and will focus on enabling the student to develop their understanding of core creative technology skills.

The project will involve the following:

– Proposal: A proposal demonstrating the student's understanding of: The wider context into which their project fits; An understanding of what is involved in the design of their project; An ability to plan their time effectively; The ability to communicate ideas in writing.

– Project exhibition: A poster and presentation: The poster should include (at the very least) the project objectives, process, and the outcomes of the project. The presentation will evaluate the student's ability to discuss, reflect and appraise their project work.

RESIT: The referral will be a continuation of the same project. The main project deliverables will be the same as that outlined in the Proposal and Project exhibition.

Assessment tasks:

Project (First Sit)

Description: A project made up from 2 elements:

- Project proposal (1000 word or equivalent artefact),
- Final poster and presentation.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Project (Resit)

Description: This referral consists of two elements:

- a poster presentation and 1000 word reflection on the project process.

*This should be a continuation of the project

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Computer Science {Foundation} [GCET] DipHE 2023-24

Business Computing {Foundation} [GCET] DipHE 2023-24

Business Computing {Foundation} [GCET] BSc (Hons) 2023-24

Computer Science (Artificial Intelligence) {Foundation} [GCET] BSc (Hons) 2023-24

Computer Science (Smart Devices) {Foundation} [GCET] BSc (Hons) 2023-24

Computer Science (Artificial Intelligence) {Foundation} [GCET] DipHE 2023-24

Computer Science {Foundation} [GCET] BSc (Hons) 2023-24

Computer Science (Smart Devices) {Foundation} [GCET] DipHE 2023-24

Computer Security and Forensics {Foundation} [GCET] BSc (Hons) 2023-24

Computer Security and Forensics {Foundation} [GCET] DipHE 2023-24